

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Richard J. Tansey  
Appl. No.: To be assigned  
Filed: Concurrently herewith  
For: HETERODYNE FREQUENCY MODULATED SIGNAL  
DEMOMULATOR AND METHOD OF OPERATING THE SAME

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

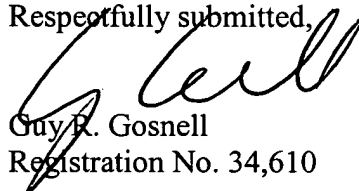
**INFORMATION DISCLOSURE STATEMENT  
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449. In accordance with the Office waiver published July 11, 2003, copies of the cited U.S. patents and patent application publications are not enclosed. Applicant does enclose copies of any cited foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

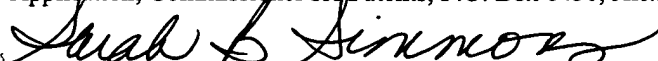
  
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Date of Deposit October 10, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Sarah B. Simmons

Substitute for form 1449/PTO (Revised 04/2003)				Complete if Known		
				Application Number	To be assigned	
				Filing Date	Concurrently herewith	
				First Named Inventor	Richard J. Tansey	
				Group Art Unit	To be assigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Examiner Name	To be assigned	
				Attorney Docket Number	038190/259107	
Sheet	1	of	2			
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
	1	US- 4,575,247	03-11-1986	Tansey		
	2	US- 4,707,135	11-17-1987	Swain et al.		
	3	US- 5,050,993	09-24-1991	Tansey		
	4	US- 5,412,474	05-02-1995	Reasenbergs et al.		
	5	US- 5,488,230	01-30-1996	Mizutani et al.		
	6	US- 5,579,109	11-26-1996	Suh et al.		
	7	US- 5,754,293	05-19-1998	Farhadirousham		
	8	US- 6,483,593 B1	11-19-2002	Bell et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
Examiner Signature				Date Considered		

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Examiner Name	To be assigned
Sheet	2	of	2	Attorney Docket Number	038190/259107
<b>OTHER DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
	9	R.J. TANSEY, S. HOLLY; <i>Acquisition, Tracking and Pointing II – Development of an Interferometric Encoder for High Resolution Angular Measurements</i> ; Reprinted from the <i>Proceedings of SPIE – The International Society for Optical Engineering</i> ; January 1988; Pages 78 – 87; Vol. 887; Society of Photo-Optical Instrumentation Engineers; Bellingham, Washington USA.			
	10	R.J. TANSEY, K. WIDEN; <i>Current Developments in Optical Engineering III – “Nanosensor” Based on Diffraction</i> ; Reprinted from the <i>Proceedings of SPIE – The International Society for Optical Engineering</i> ; August 1988; Pages 2 – 6; Volume 965; Society of Photo-Optical Instrumentation Engineers; Bellingham, Washington USA.			
	11	D.M. SWAIN, R.J. TANSEY; <i>Heterodyne holographic interferometry</i> ; Reprinted from <i>SPIE High Speed Photography, Videography and Photonics III</i> ; 1985; Pages 87 – 93; Vol. 569; Society of Photo-Optical Instrumentation Engineers; Bellingham, Washington USA.			
	12	R.J. TANSEY; <i>An Absolute Distance Interferometer using a dye laser Heterodyne Interferometer and spatial separation of beams</i> ; 1983; Pages 43 – 54; Vol. 429; SPIE.			
	13	JOSEPH A. SHAW; <i>SC567 – Introduction to Optical Remote Sensing Systems – Doppler Lidar</i> ; August 2003; 2 pages.			
	14	Adaptive Optics Tutorial; AdoptiveOptics.com; 5 pages; Available at < <a href="http://www.aoainc.com/technologies/adaptiveandmicrooptics/aostutorial.html">http://www.aoainc.com/technologies/adaptiveandmicrooptics/aostutorial.html</a> > (visited 07/17/2003)			

Examiner Signature		Date Considered	
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